BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Providing Concreate Roads in Amruthahalli in S.C Colony 5th and 6th Cross in ward No. 07, Byatarayanapura Kodigehalli Sub Division.

Estimate Cost Rs. 2900000.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. No. 138 Item No. 19.2/ PWD SR 2014-15.								
	Disiliting of Sc Colony Roads Towards Southern Side								
	A Drains		2	51.00	0.30	0.40	12.24		
	A1 Amruthahalli SC Colony		1	58.00	0.30	0.40	6.96		
	B Amruthahalli SC Colony		2	47.00	0.30	0.40	11.28		
	B1 Amruthahalli SC Colony		2	56.00	0.30	0.40	13.44		
	C Amruthahalli SC Colony		2	62.00	0.30	0.40	14.88		
	D Amruthahalli SC Colony		2	47.00	0.30	0.40	11.28		
	D1 Amruthahalli SC Colony		2	56.00	0.30	0.40	13.44		
	E Amruthahalli SC Colony		2	98.00	0.30	0.40	23.52		
	Disiliting of Sc Colony Roads Towards Southern Side For Roads								
	A Roads		1	51.00	3.50	0.20	35.70		
	A1 Amruthahalli SC Colony		1	58.00	3.00	0.20	34.80		
	B Amruthahalli SC Colony		1	47.00	4.00	0.20	37.60		
	B1 Amruthahalli SC Colony		1	56.00	4.00	0.20	44.80		
	C Amruthahalli SC Colony		1	62.00	4.80	0.20	59.52		
	D Amruthahalli SC Colony		1	47.00	4.00	0.20	37.60		
	D1 Amruthahalli SC Colony		1	56.00	3.80	0.20	42.56		
	E Amruthahalli SC Colony		1	98.00	5.00	0.20	98.00		
							497.62	105.84	52668.00
	Basic Rate	98.00	70						37620.07
	Area Weightage @ 8%	7.84	56						
	Total	105.84	75.6						
2	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. (P. 145, I.No. 19.64) SR-2014-15								
	Disiliting of Sc Colony Roads Towards Southern Side								
	A Roads		1	51.00	3.50		178.50		
	A1 Amruthahalli SC Colony		1	58.00	3.00		174.00		
	B Amruthahalli SC Colony		1	47.00	4.00		188.00		
	B1 Amruthahalli SC Colony		1	56.00	4.00		224.00		
	C Amruthahalli SC Colony		1	62.00	4.80		297.60		
	D Amruthahalli SC Colony		1	47.00	4.00		188.00		
	D1 Amruthahalli SC Colony		1	56.00	3.80		212.80		
	E Amruthahalli SC Colony		1	98.00	5.00		490.00		
							1952.90	4.482	8753.00
	Basic Rate	4.15							
	Area Weightage @ 8%	0.332							
	Total	4.482							

3	KSRRB 300-64.2. Extra for watering the earth to bring the earth upto required optimum moisture content with mechinery including cost of all labour, HOM of machineries complete as per specifications. (P. 146, I.No. 19.72) SR-2014-15								
	~~Disiliting of Sc Colony Roads Towards Southern Side For Roads~~								
	A 5th and 6th Cross amruthahalli SC Colony		1	51.00	3.50	0.20	35.70		
	A1 Amruthahalli SC Colony		1	58.00	3.00	0.20	34.80		
	B Amruthahalli SC Colony		1	47.00	4.00	0.20	37.60		
	B1 Amruthahalli SC Colony		1	56.00	4.00	0.20	44.80		
	C Amruthahalli SC Colony		1	62.00	4.80	0.20	59.52		
	D Amruthahalli SC Colony		1	47.00	4.00	0.20	37.60		
	D1 Amruthahalli SC Colony		1	56.00	3.80	0.20	42.56		
	E Amruthahalli SC Colony		1	98.00	5.00	0.20	98.00		
							390.58	**2.16**	**844.00**
	Basic Rate	**2.00**							
	Area Weightage @ 8%	**0.16**							
	Total	**2.16**							
4	KSRB 4-1.3 Providing and laying cement concrete using 40mm and down size granite jelly of ready mix concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., including smooth finish in CM 1:3, with all lead and lift etc., complete. (exculsive of cost of steel, fabrication and plastering charges) Ready mixed Cement concrete for Beams, Columns, Staircase and Roof with M-20 (1:1.5:3) (Cement-341 Kg/cum) (P. 12, I.No. 4.3) SR-2014-15								
	~~Disiliting of Sc Colony Roads Towards Southern Side For Roads~~								
	A 5th and 6th Cross amruthahalli SC Colony		1	51.00	3.50	0.15	26.78		
	A1 Amruthahalli SC Colony		1	58.00	3.00	0.15	26.10		
	B Amruthahalli SC Colony		1	47.00	4.00	0.15	28.20		
	B1 Amruthahalli SC Colony		1	56.00	4.00	0.15	33.60		
	C Amruthahalli SC Colony		1	62.00	4.80	0.15	44.64		
	D Amruthahalli SC Colony		1	47.00	4.00	0.15	28.20		
	D1 Amruthahalli SC Colony		1	56.00	3.80	0.15	31.92		
	E Amruthahalli SC Colony		1	98.00	5.00	0.15	73.50		
							292.94	4847.04	**1419868.00**
	Basic Rate	4488							
	Area Weightage @ 8%	359.04							
	Total	4847.04							
5	Providing and laying cement concrete using 20mm and down size granite jelly of ready mix concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., including smooth finish in CM 1:3, with all lead and lift etc., complete. (exculsive of cost of steel, fabrication and plastering charges) Ready mixed Cement concrete for Beams, Columns, Staircase and Roof with M-20 (P. 18, I.No. 4.49.1) SR-2014-15								
	Disiliting of Sc Colony Roads Towards Southern Side For Roads								
	A 5th and 6th Cross amruthahalli SC Colony		1	51.00	3.50	0.10	17.85		
	A1 Amruthahalli SC Colony		1	58.00	3.00	0.10	17.40		
	B Amruthahalli SC Colony		1	47.00	4.00	0.10	18.80		
	B1 Amruthahalli SC Colony		1	56.00	4.00	0.10	22.40		
	C Amruthahalli SC Colony		1	62.00	4.80	0.10	29.76		
	D Amruthahalli SC Colony		1	47.00	4.00	0.10	18.80		
	D1 Amruthahalli SC Colony		1	56.00	3.80	0.10	21.28		
	E Amruthahalli SC Colony		1	98.00	5.00	0.10	49.00		
							195.29	5847.12	**1141884.00**
	Basic Rate	5414							
	Area Weightage @ 8%	433.12							
	Total	5847.12							

6	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift. (P. 171 I. No. 22.7) SR-2014-15								
	Disiliting of Sc Colony Roads Towards Southern Side For Roads								
	A 5th and 6th Cross amruthahalli SC Colony		1	51.00	3.50		178.50		
	A1 Amruthahalli SC Colony		1	58.00	3.00		174.00		
	B Amruthahalli SC Colony		1	47.00	4.00		188.00		
	B1 Amruthahalli SC Colony		1	56.00	4.00		224.00		
	C Amruthahalli SC Colony		1	62.00	4.80		297.60		
	D Amruthahalli SC Colony		1	47.00	4.00		188.00		
	D1 Amruthahalli SC Colony		1	56.00	3.80		212.80		
	E Amruthahalli SC Colony		1	98.00	5.00		490.00		
							1952.90	97.20	189822.00
	Basic Rate	90.00							
	Area Weightage @ 8%	7.2							
	Total	97.2							
7	Providing groove cutting for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine, generator & HOM of machinery, including cost of blade,coolant etc., including cleaning of groove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications. for concrete pavement(P. 172 I. No. 22.8.1) SR-2014-15								
	5th and 6th Coss SC Colony Amruthahlli	Rmtr	20	4.50			90.00		
							90.00	124.20	11178.00
	Basic Rate	115							
	Area Weightage @ 8%	9.2							
	Total	124.2							
8	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 5.00 Km (Page No.141)								
		Cum	Qty. Vide Item No. 1				497.62		
							497.62	81.00	40307.00
	Basic Ratefor haulage of materials as per item	12.8							
	Average weight of earth 1.28 tonne/Kg for	62.2							
	Add loading and unloading vide item No. 17.1	75							
	Area Weightage @ 8%	6							
	Total	81							2850276.07
	Sub total								2865324.00
9	Third party inspection charges 1%								28653.00
10	Miscesallaneous Charges	L/S							6023.00
								Total	2900000.00

(Rupees TwentyNine Lakhs Only)

Technical Sanction for Rs. 29.00 Lakhs.
Twenty Nine Lakhs only.
P-1878
Registered as CE No. 135 Dt. 11/02/15 Subject
to conditions contained in enclosed memo
No: JS/SE/45/2014-15. 45 Dt. 11/02/15
AE/JE EE (BTP Div.)

28502
21221.98

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2014-15.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Junior Engineer.

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Sanction Administrative Approval
Accorded for Rs 29.00 Lakh Rs.
is accorded under head P1878
registered as CE No. 135 Dt: 11.02.15 Subject
to Conditions contained in enclosed memo
No...../.....Dr.....
AE/JE TA SE (BTP) CE (BTP) (YNK)

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

LAY-OUT PLAN FOR THE AMRUTHAHALLI S.C. COLONY. IN WARD NO 7 BYATARAYANAPURA